

United States Patent [19]

Propp et al.

[11] Patent Number: Des. 313,459

[45] Date of Patent: ** Jan. 1, 1991

[54] **SPRINKLER FOR FIGHTING FIRES IN OIL REFINERIES AND THE LIKE**

[75] Inventors: **Jack E. Propp; David W. Owens**, both of Casper, Wyo.

[73] Assignee: **Amoco Corporation**, Chicago, Ill.

[**] Term: **14 Years**

[21] Appl. No.: **53,417**

[22] Filed: **May 21, 1987**

[52] U.S. Cl. **D23/214**

[58] Field of Search D23/213, 223-227; 239/301, 332, 373, 394, 414-415, 525-528, 532, 554, 556, 690, 691, 700-703, 273, 275-276, 279, 280, 521-522, 566-567, 597-598; 251/244; 361/227-228, 235; D8/14.1, 68; 169/37, 43, 45-50, 51-52, 54, 69-70

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Assistant Examiner—M. H. Tung

Attorney, Agent, or Firm—Thomas W. Tolpin; William H. Magidson; Ralph C. Medhurst

[57] CLAIM

The ornamental design for a sprinkler for fighting fire in oil refineries or the like, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a sprinkler for fighting fires in oil refineries and the like showing our new design;

FIG. 2 is a left side elevational view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a right side elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

FIG. 8 is a perspective view of a second embodiment thereof;

FIG. 9 is a left side elevational view thereof;

FIG. 10 is a front elevational view thereof;

FIG. 11 is a right side elevational view thereof;

FIG. 12 is a rear elevational view thereof;

FIG. 13 is a top plan view thereof; and

FIG. 14 is a bottom plan view thereof.

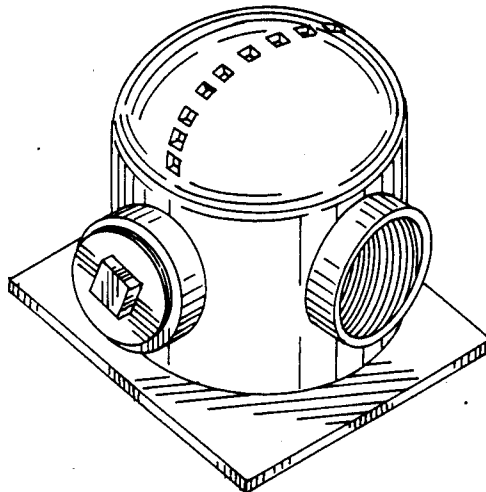


FIG. 1.

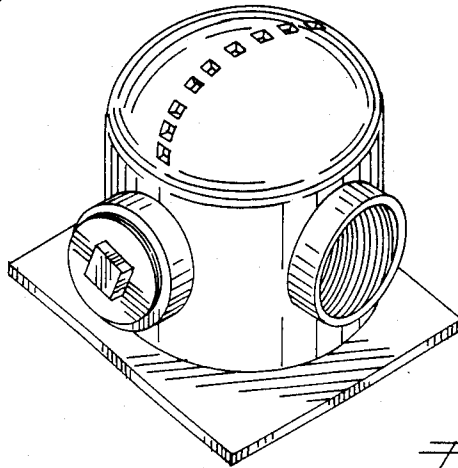


FIG. 2.

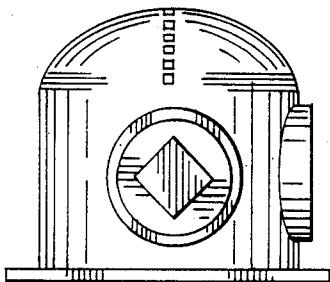


FIG. 3.

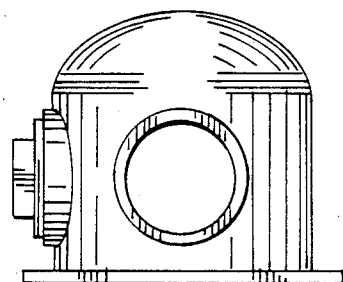


FIG. 4.

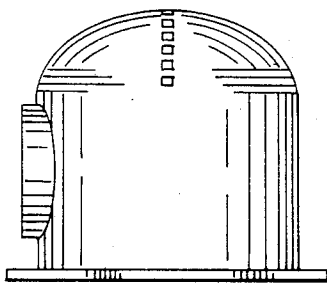


FIG. 5.

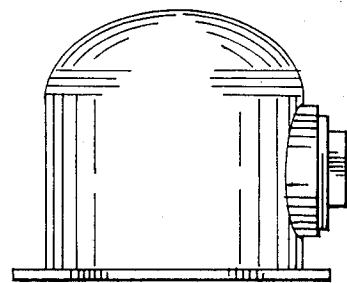


FIG. 6.

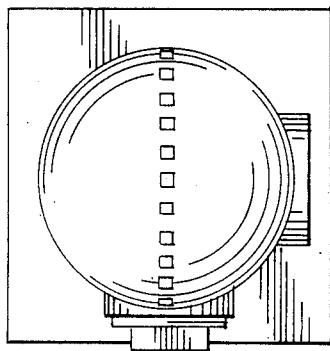


FIG. 7.

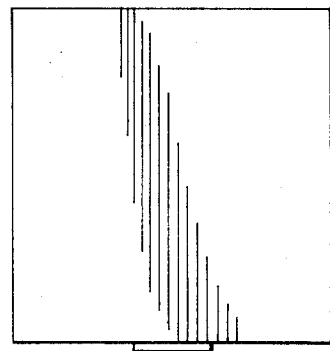


FIG. 8

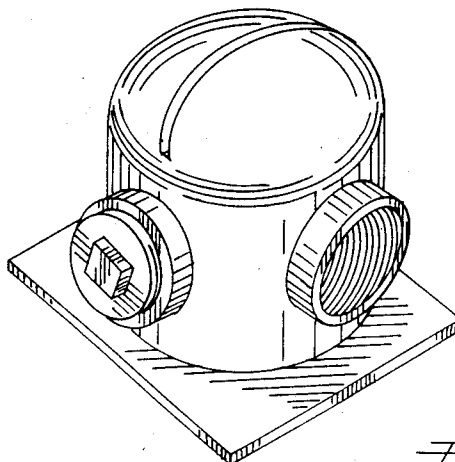


FIG. 9

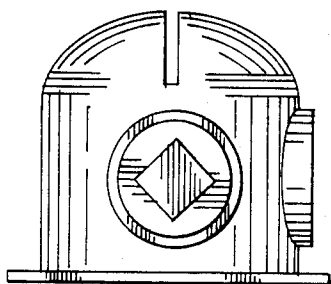


FIG. 10

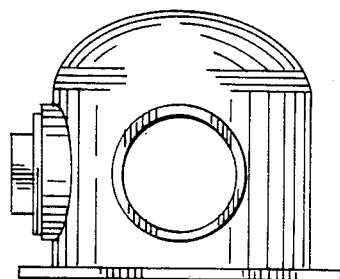


FIG. 11

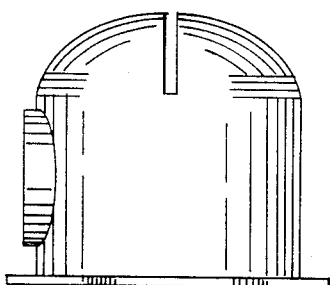


FIG. 12

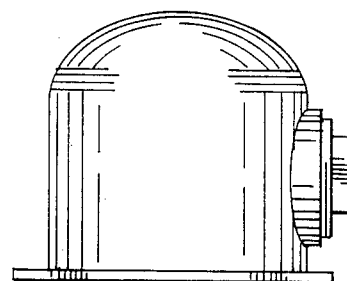


FIG. 13

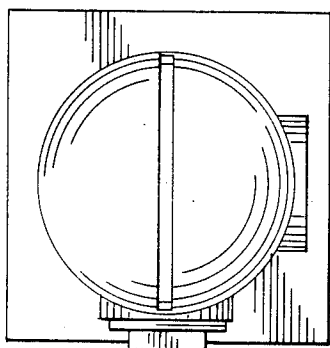


FIG. 14

